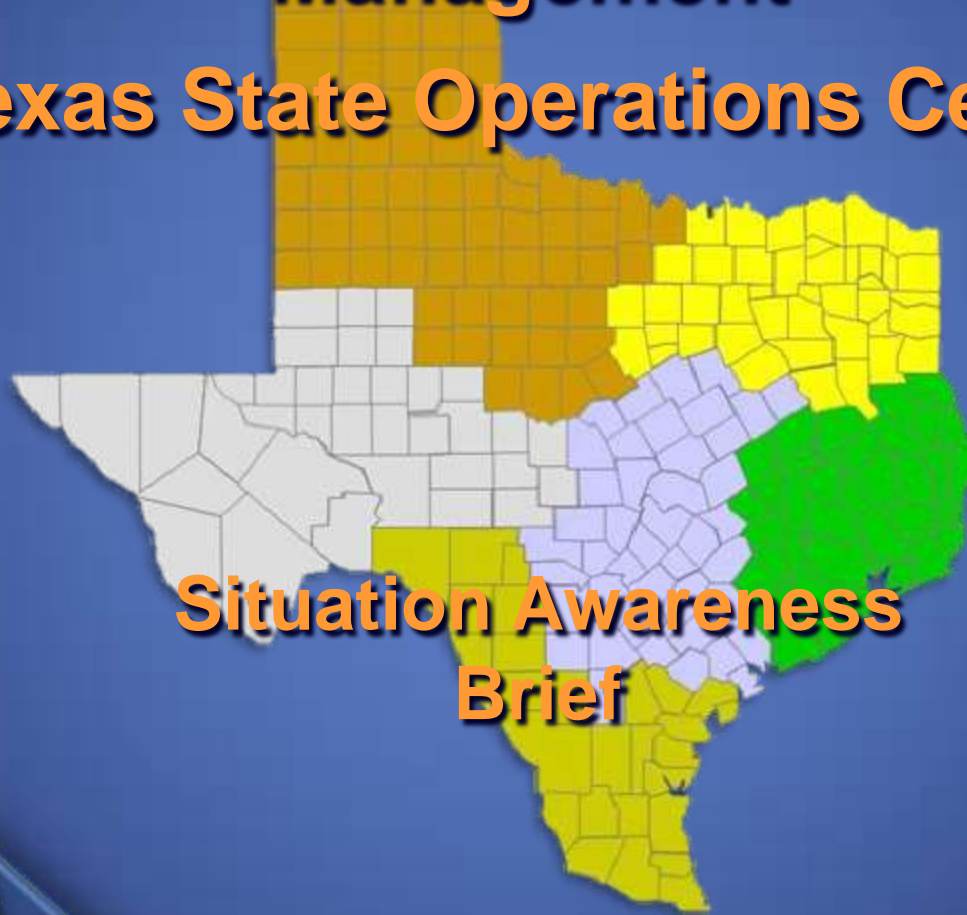


# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center



### Situation Awareness Brief



Saturday, February 24<sup>th</sup> 2018  
As of 0900 CST

# Incidents Reported to the State Operations Center (last 24 hours)

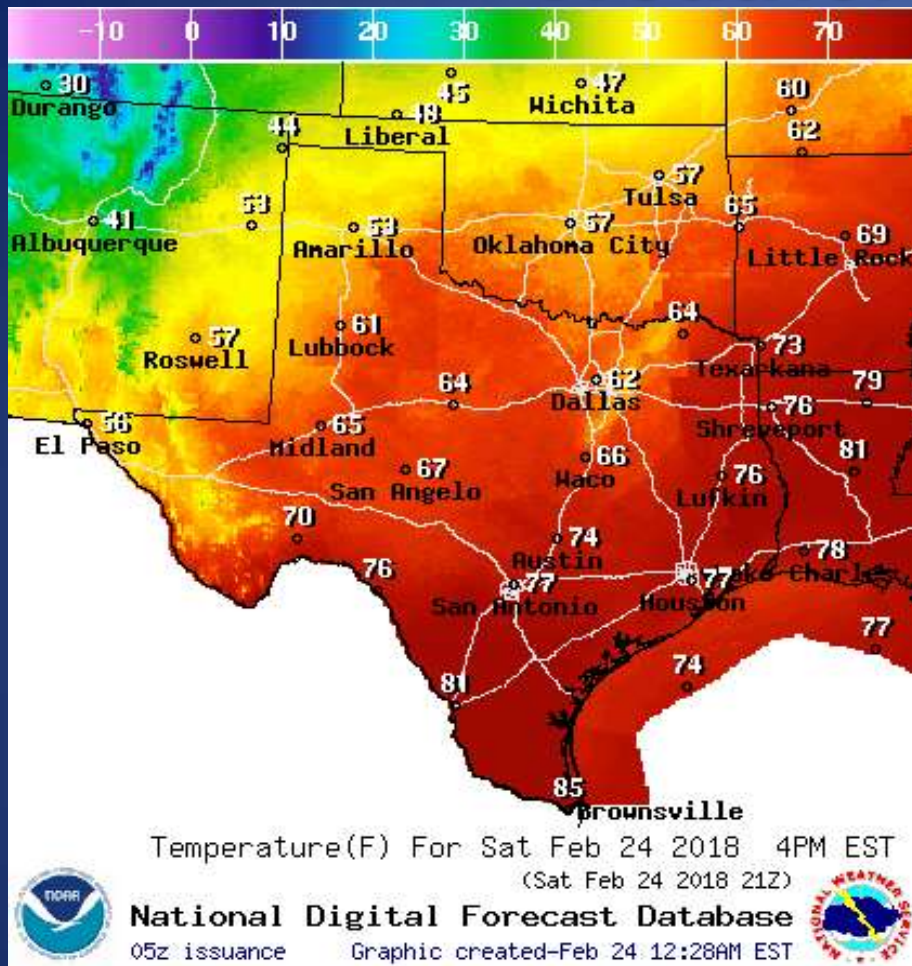
DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
02/23/18	Silver Alert Discontinued	Parker County	Y
02/23/18	Silver Alert Continuation	North Richland Hills / Tarrant County	N
02/24/18	Final Report on the Road Closure (IH 10)	Sutton County	Y

# Informational Products

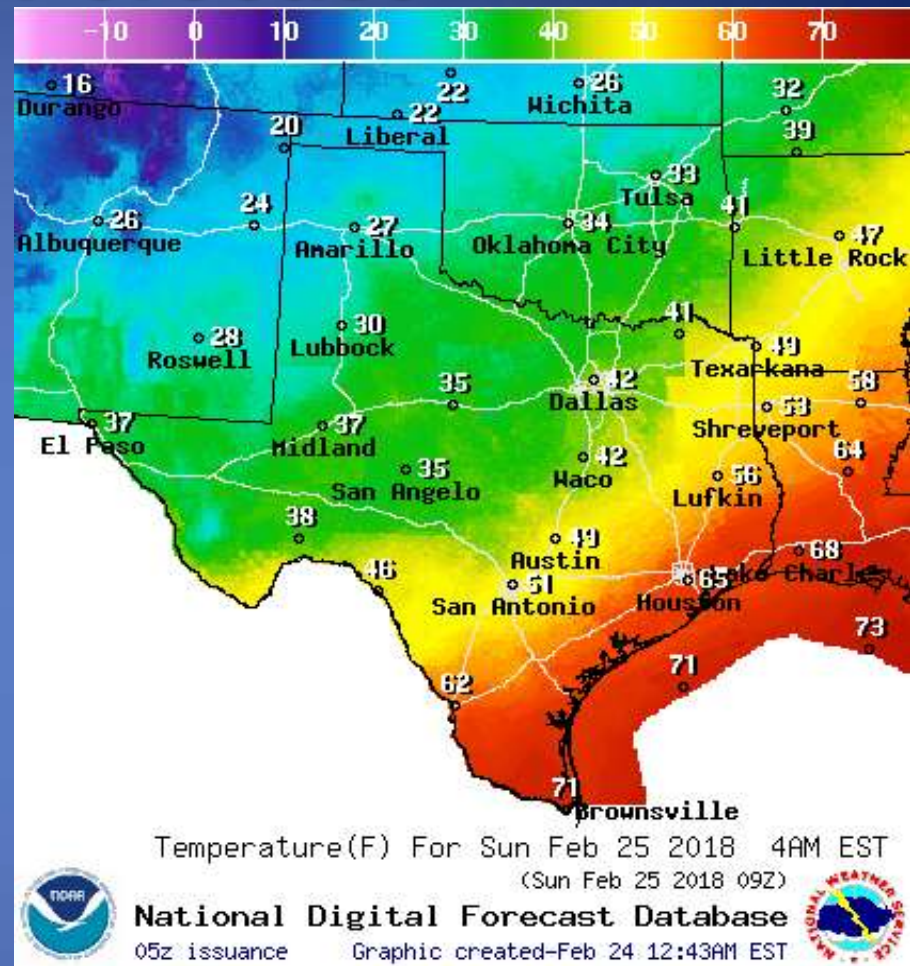
## Distributed by the State Operations Center

DATE	SUBJECT
02/23/18	NWS Fort Worth- NWS UPDATE: Additional Heavy Rain and Severe Weather Potential
02/23/18	NWS Fort Worth- Heavy rain/flooding continue for parts of Texas
02/23/18	NWS Fort Worth Hydrologic Statement for Cowleech Fork Sabine River at Greenville in Hunt County
02/23/18	NWS Fort Worth Hydrologic Statements - E. Fork Trinity   Sister Grove Creek - Kaufman and Collin Counties
02/23/18	NWS Austin/San Antonio - Hydrologic Statement for Salado Creek at Loop 13 and San Antonio River Near Elmendorf
02/24/18	NWS Amarillo: Critical Fire Weather conditions today,
02/24/18	Daily NWS Threat Brief for Saturday, February 24, 2018 for FEMA Region 6

# Weather Forecast



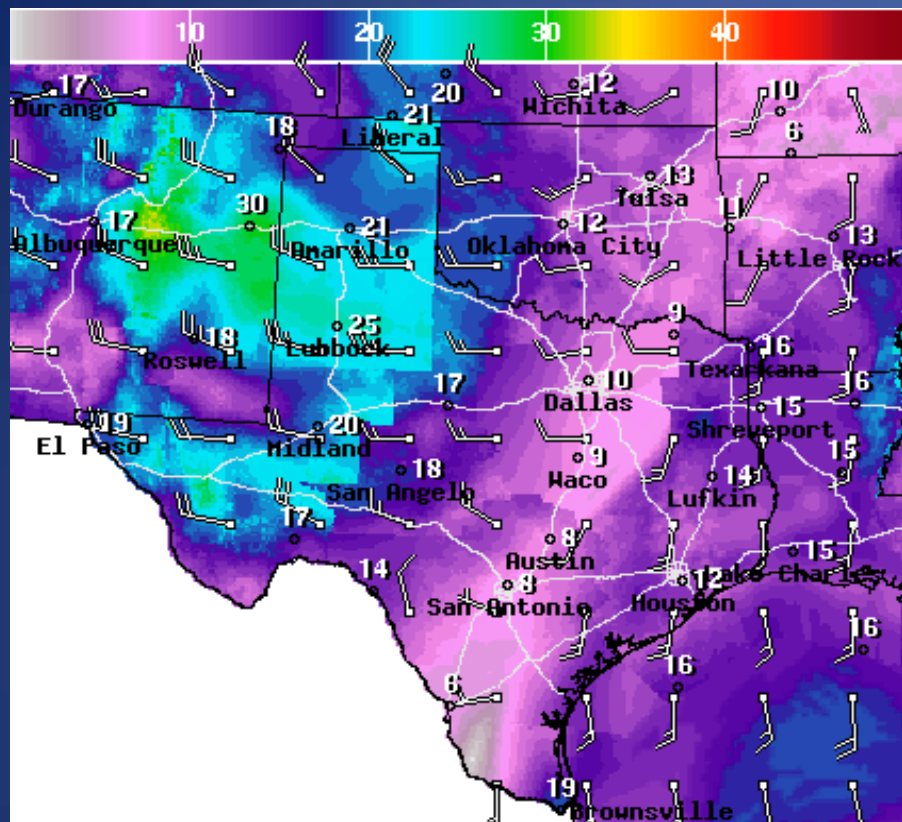
## Highs



## Lows



# Weather Forecast



WindSpd(Kts) & WindDir For Sat Feb 24 2018 4PM EST

(Sat Feb 24 2018 21Z)



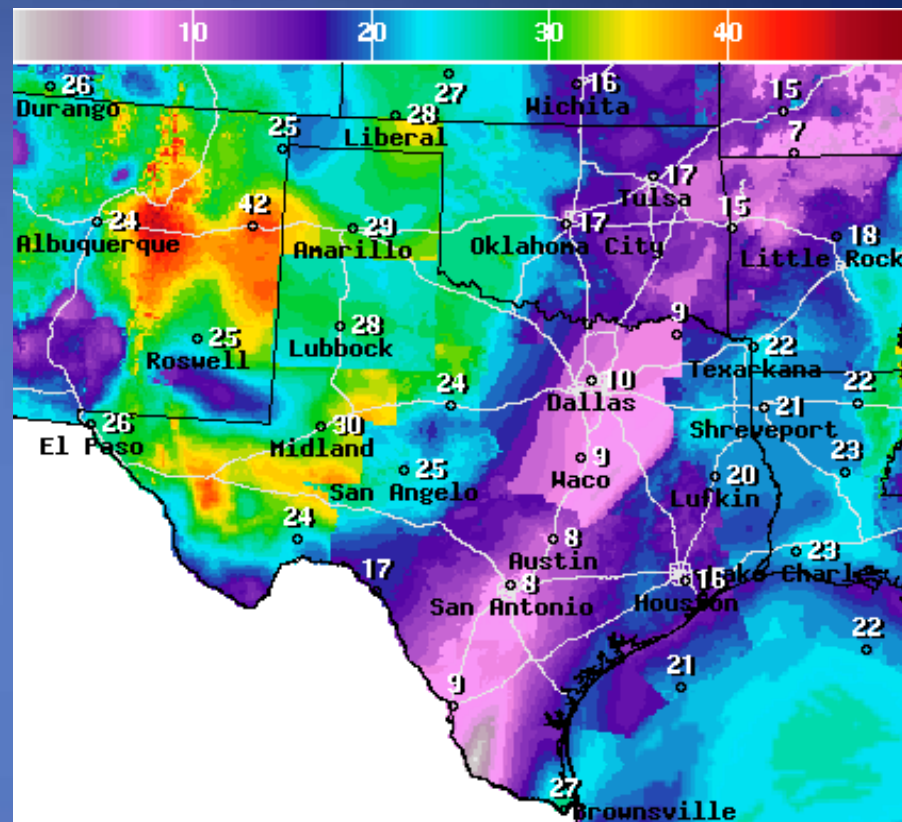
National Digital Forecast Database

05z issuance

Graphic created-Feb 24 12:47AM EST



## Wind Speeds



Wind Gust(Kts) Sat Feb 24 2018 4PM EST

(Sat Feb 24 2018 21Z)



National Digital Forecast Database

05z issuance

Graphic created-Feb 24 12:49AM EST



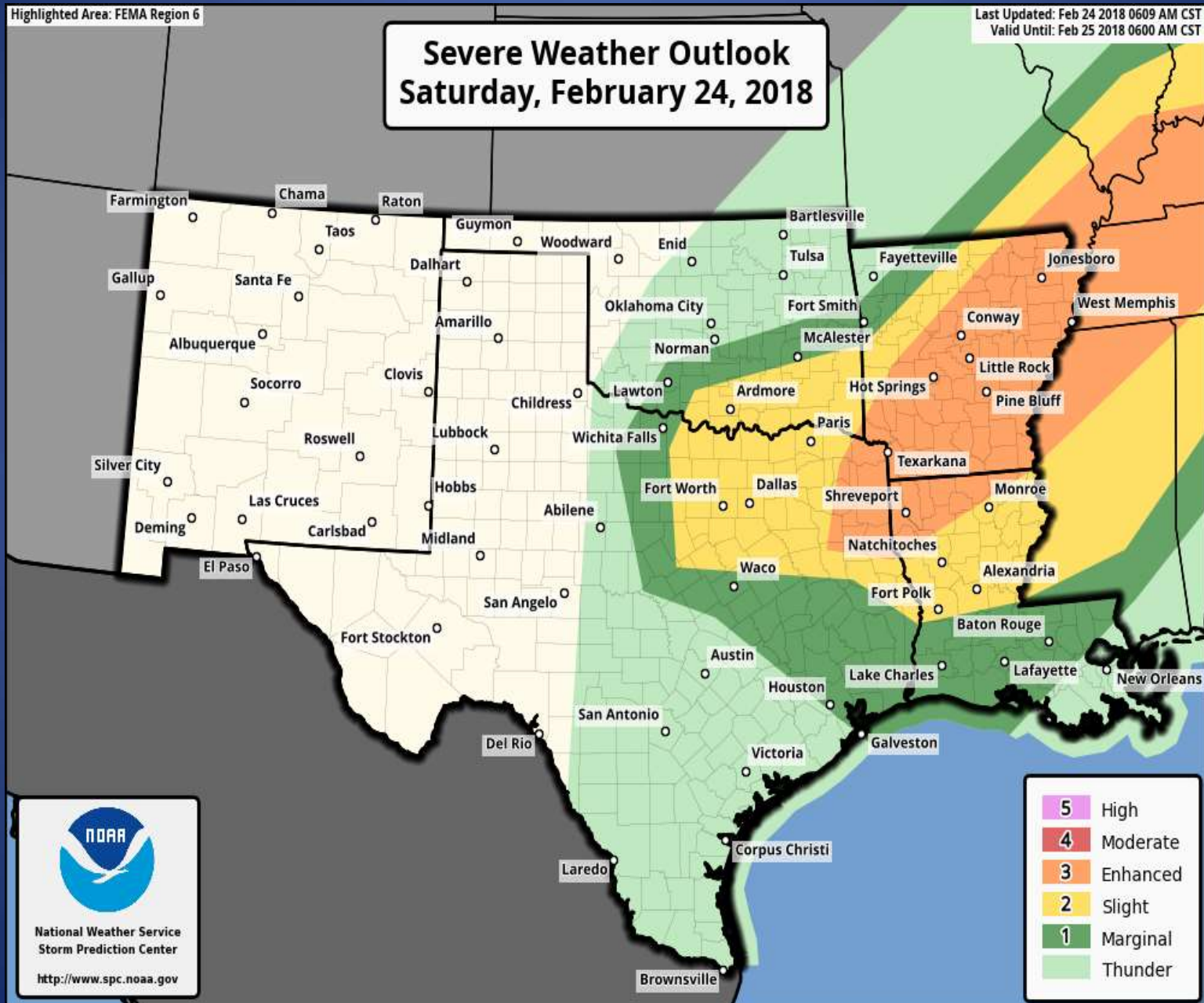
## Gusts

# Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Feb 24 2018 0609 AM CST  
Valid Until: Feb 25 2018 0600 AM CST

## Severe Weather Outlook Saturday, February 24, 2018

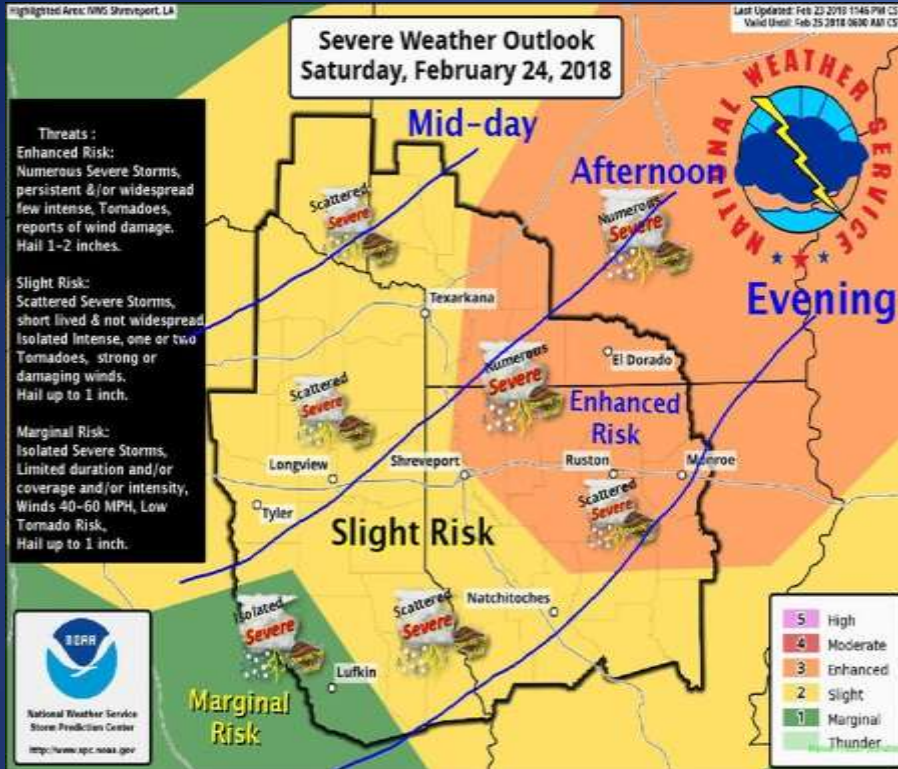


National Weather Service  
Storm Prediction Center

<http://www.spc.noaa.gov>



# Hazardous Weather



Severe Weather is expected across portions of the Four State Region on Saturday. The worst threat will be north of the Interstate 20 Corridor of Northeast Texas and Northern Louisiana which includes Southeast Oklahoma and Southwest Arkansas but the entire Four State Region will be under a threat of Damaging Wind Gusts, Large Hail and Isolated Tornadoes on Saturday from mid morning to mid day originally then to the Southeast as the storms develop and spread across the area during the afternoon and evening.

## Red Flag Warning 10 AM to 7 PM

- **20 ft. winds:** West 25-35 MPH with gust up to 50 MPH.
- **Min RH values:** as low as 9%
- Rapid fire growth and spread are possible. Avoid activities that promote open flame and sparks.



**National Weather Service - Amarillo**

Issued: 2/24/2018 4:05 AM



# Hazardous Weather



## Red Flag Warning

National Weather Service - Lubbock, Texas

Counties included in the Warning are shaded in pink



- Avoid anything that could cause a spark
- Report fires immediately to 911

[www.weather.gov/lubbock](http://www.weather.gov/lubbock)

### Timing

12 pm to 6 pm

Saturday  
February 24, 2018

### Conditions

- RH: Between 10% and 15%
- Winds: W 20-30 mph

### Impacts


- Any fires that develop can spread rapidly. Outdoor burning is discouraged.

Low relative humidity and winds 20-30 mph will lead to critical fire weather conditions today. A Red Flag Warning is in effect from 12 pm until 6 pm this afternoon.

## Elevated Fire Weather

Through 5 pm MST/6 pm CST today


Weather Forecast Office  
Midland/Odessa, TX  
Issued February 24, 2018 4:18 AM CT




Relative Humidity:  
10 to 15%

Winds:  
Mountains: West 30 to 50 mph.  
Elsewhere: West 15 to 25 mph.  
Gusts 50 to 60 mph possible in the mountains.

Temperatures:  
Near normal.

 Use Caution! Outdoor burning and activities that cause open sparks or flames are discouraged.

 [NWSMidland](#) [weather.gov/mid](http://weather.gov/mid)



# Hazardous Weather

## Elevated Fire Danger



### This afternoon

- West winds 15-25 mph
- Relative humidity 15-25%
- Above normal fuel moisture from recent rainfall

### If a fire starts:

- Fires could spread quickly
- Outdoor burning and activities that cause open sparks or flames are discouraged

National Weather Service San Angelo, TX Updated: Feb 24 3:32 AM

A Rangeland Fire Danger statement is in effect this afternoon for all of West Central Texas. Although 20 foot winds will increase 15 to 25 percent and minimum relative humidity values will drop to 15 to 25 percent, above normal fuel moisture from recent rainfall, will decrease the fire danger.



## Saturday Severe Weather Potential

National Weather Service Fort Worth

### Saturday Morning

- Strong to severe storms will develop and move across the western counties during the morning hours.
- Best chances for severe weather will be in the area shaded in RED.
- Main threat will be large hail (perhaps up to the size of golfballs) and heavy rain.



### Saturday Afternoon

- The line of storms will move across the eastern half of the region during the afternoon hours.
- Best chances for severe weather will be in the area shaded in RED.
- Main threat will be: Large Hail, Damaging Winds and a few Tornadoes



@NWSFortWorth  
weather.gov/FortWorth



448 AM CST  
Sat Feb 24 2018  
National Weather Service  
Fort Worth, TX

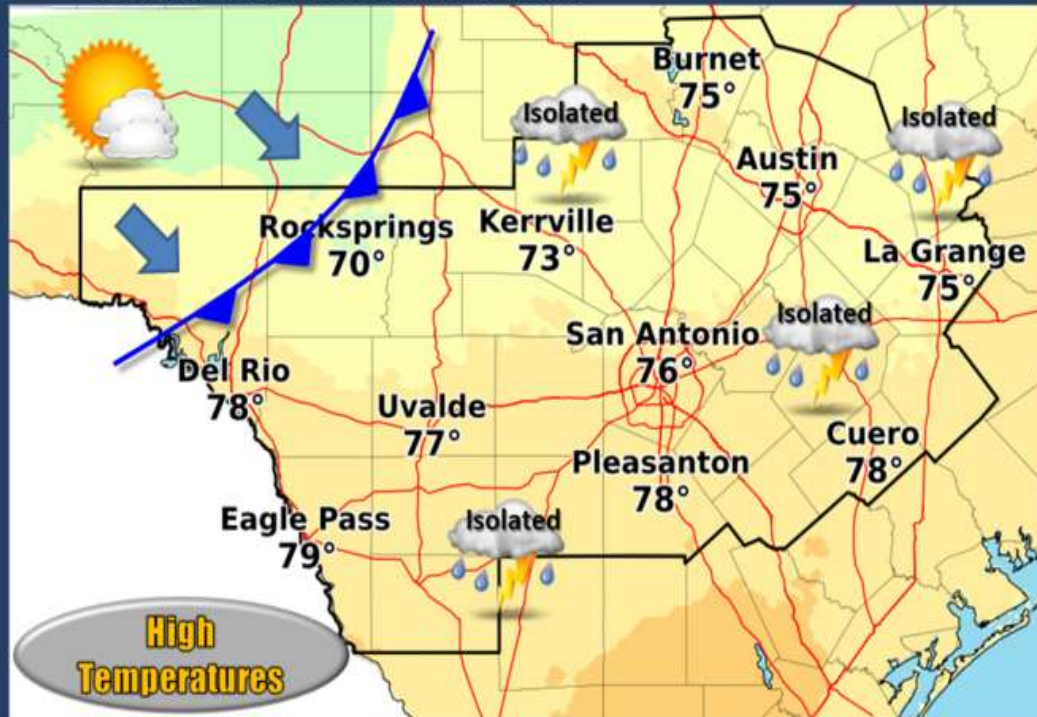
Strong to severe thunderstorms will be possible this morning. The initial threat will be from large hail, but as the storms move east and encounters better moisture, instability and wind shear, the threat for damaging winds and even a few tornadoes will increase. Some heavy rainfall and flooding will also be possible.

# Hazardous Weather



***Today: Isolated Showers & Storms in the Morning but the Sun Makes an Appearance This Afternoon!***

National Weather Service Austin / San Antonio



YouTube



@NWSSanAntonio  
weather.gov/ewx

Isolated showers and thunderstorms this morning will last through about lunchtime before a cold front comes through from the west and clears things out for much of the area. Should even see plenty of sunshine this afternoon! Highs will warm into the 70s across the area too.

# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
02/23/18	Flood Warning Continues	Sabine River affecting Wood, Gregg & Upshur Counties; Sabine River at Longview affecting Gregg County; Sabine River in Smith, Upshur, and Wood Counties; Sabine River near Beckville in Panola County; Lake Fork Creek in Wood County; Rabbit Creek in Gregg and Rusk Counties; Neches River near Neches in Anderson County; Attoyac Bayou near Chireno in Nacogdoches County; Sulphur River below Talco affecting Franklin, Morris, Red River, and Titus Counties; Little Cypress Bayou near Jefferson affecting Marion County; Big Cypress Bayou at Caddo Lake affecting Marion County; Black Cypress Bayou at Jefferson affecting Cass and Marion Counties; White Oak Creek near Talco affecting Franklin, Morris, and Titus Counties; East Fork Trinity and Trinity River in Collin, Dallas, Ellis, Henderson, Kaufman, and Navarro Counties; South Sulphur River near Cooper affecting Delta & Hopkins Counties; Sabine River, Neches River, Village Creek, Pine Island Bayou in Southeast Texas
02/23/18	High Wind Warning	Guadalupe Mountains
02/23/18	Dense Fog Advisory	North Central and Northeast Texas, Rolling and South Plains, and Extreme Southern Panhandle



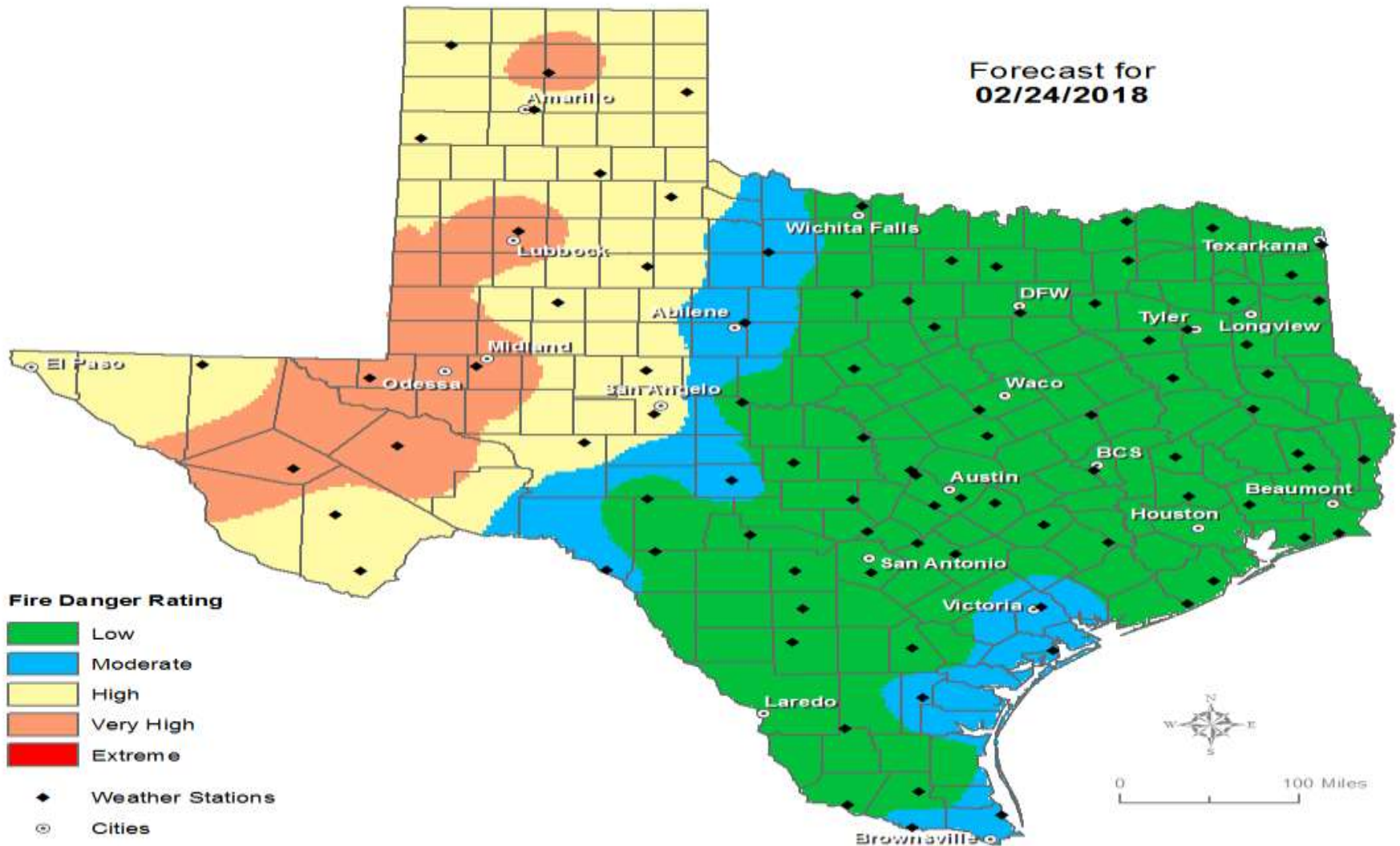
# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
02/23/18	Flood Warning	Menard Creek near Rye Affecting Hardin, Liberty, and Polk Counties
02/23/18	Flood Warning Extended	Neches River near Diboll in Angelina County; Red River near DeKalb affecting Bowie and Red River Counties
02/24/18	Dense Fog Advisory	Andrews, Bell, Bosque, Brown, Callahan, Coleman, Collin, Comanche, Cooke, Coryell, Crane, Dallas, Delta, Denton, Ector, Eastland, Ellis, Erath, Falls, Fannin, Freestone, Grayson, Hamilton, Henderson, Hill, Hood, Hopkins, Hunt, Johnson, Kaufman, Lamar, Lampasas, Loving, Martin, McCulloch, Midland, Pecos, Reeves, San Saba, Shackelford, Upton, Ward and Winkler Counties
02/24/18`	Red Flag Warning	Bailey, Castro, Cochran, Deaf Smith, Hale, Hockley, Lamb, Lubbock, Oldham, Parmer, Potter, Randall and Swisher Counties
02/24/18	Severe Thunderstorm Warning	Clay and Montague Counties
02/24/18	Flood Advisory For Minor Flooding	Collin, Dallas, Denton and Tarrant Counties
02/24/18	Flood Warning	White Rock Creek at Greenville Avenue Affecting Dallas County

# Fire Danger Forecast

## Forecast Fire Danger

Forecast for  
02/24/2018



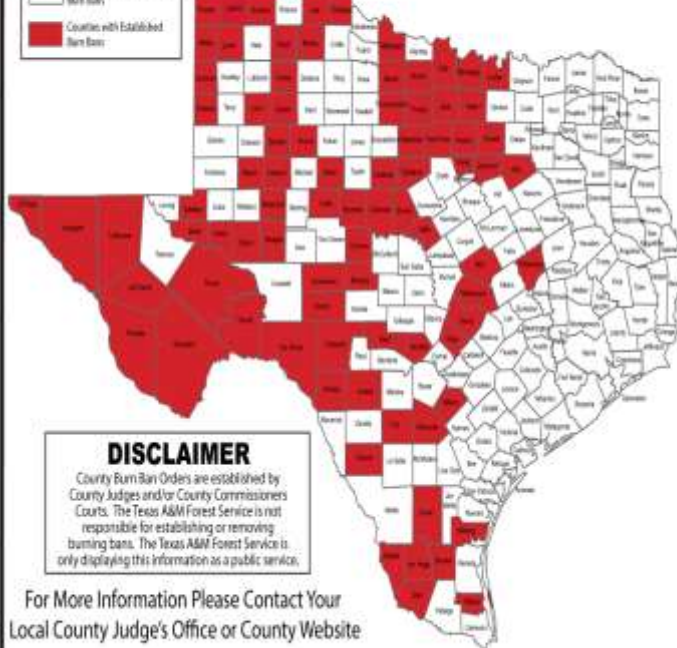
# Burn Bans and KBDI INDEX

## OUTDOOR BURN BANS

February 23, 2018



Email updates to:  
burnban@tfs.tamu.edu



### DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your  
Local County Judge's Office or County Website

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)  
Burn Ban RSS feed available at <http://tfsr.tamu.edu/wildfires/BurnBan.xml>

### Counties with Burn Bans: 103

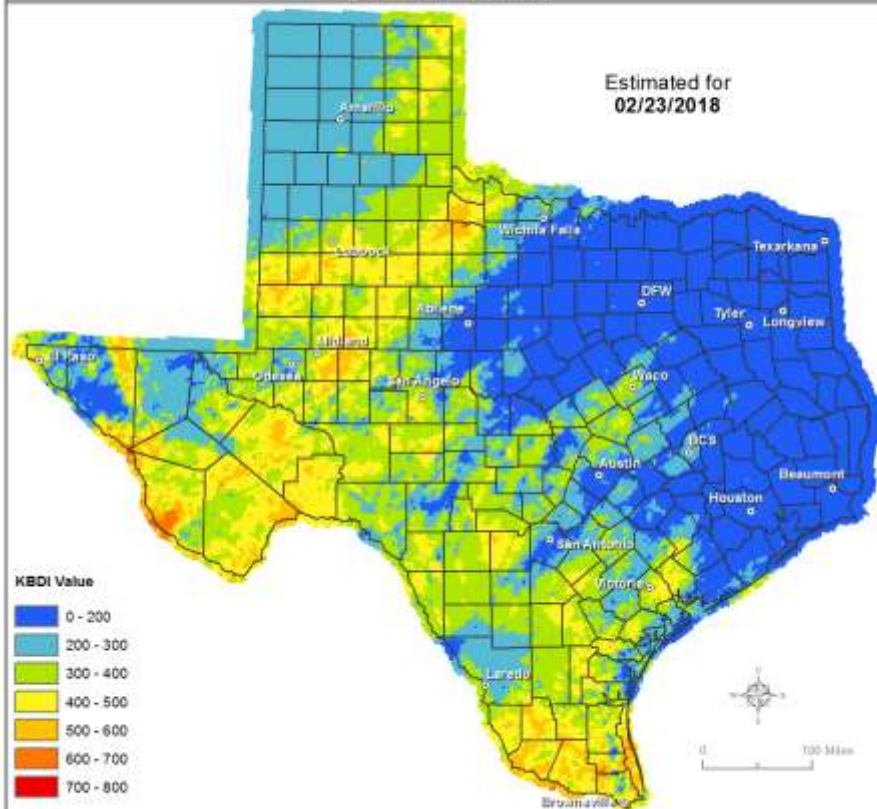
Archer	Johnson	Yakam
Armstrong	Kendall	Young
Atascosa	Kerr	Zapata
Bailey	Kinney	
Baylor*	Kleberg	
Bell	Lamb	
Borden	Lipscomb	
Brewster	Lynn	
Brooks	Martin	
Brown	Menard	
Callahan	Mills	
Canon	Montague	
Castro	Moore	
Childress	Motley	
Clay	Nolan	
Cochran	Ochiltree	
Coke	Oldham	
Coleman	Palo Pinto	
Collingsworth	Parker	
Concho	Parmer	
Cooke	Pecos	
Crane	Peterson	
Crosby	Presidio	
Calhoun	Randall	
Dallam	Reagan	
Deaf Smith	Roberts	
DeWitt	Robertson	
Donley	Russell	
Duval	Schleicher	
Eustand	Scurry	
Edwards	Sherman	
El Paso	Starr	
Ellis	Stephens	
Floyd	Sutton	
Frio	Sweeth	
Garcia	Tarrant	
Gillespie	Tennil	
Goliad	Theodore	
Gray	Texas	
Hall	Upton	
Hartford	Uvalde	
Hartley	Val Verde	
Hays	Ward	
Hemphill	Wheeler	
Hood	Willbarger	
Howard	Willacy	
Hudspeth	Williamson	
Hutchinson	Wilson	
Jack	Winkler*	
Jeff Davis	Wise	
Jim Hogg		

\* Burn Ban is lifted during a Red Flag Warning day  
\* Burn Ban is lifted during a County Fire ban day

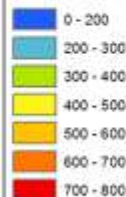
## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
02/23/2018



### KBDI Value



TEXAS A&M  
AGRI LIFE  
RESEARCH

Produced by TAMU Spatial Sciences Laboratory  
in partnership with Texas A&M Forest Service

TEXAS A&M  
FOREST SERVICE

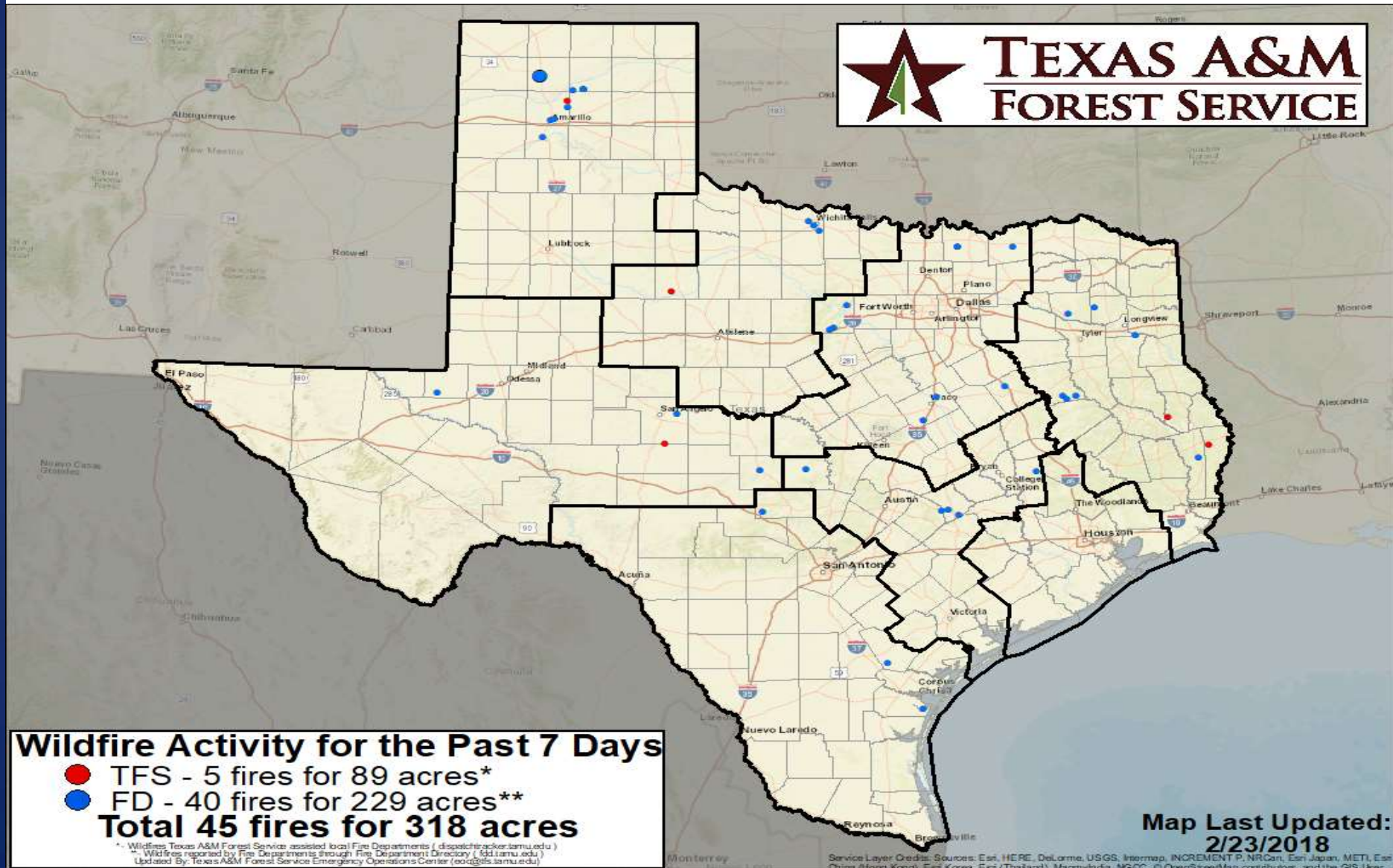


# Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
02/28/18	Fire Danger Statement	Andrews, Baylor, Brewster, Briscoe, Carson, Childress, Collingsworth, Cottle, Crane, Crosby, Culberson, Dallam, Dawson, Dickens, Donley, Ector, Floyd, Foard, Gaines, Garza, Glasscock, Hall, Hardeman, Hartley, Howard, Jeff Davis, Kent, King, Knox, Loving, Lynn, Midland, Mitchell, Moore, Motley, Pecos, Presidio, Reagan, Reeves, Scurry, Stonewall, Terrell, Terry, Upton, Ward, Wilbarger, Winkler and Yoakum Counties

# Fire Activity (\*Last 24 Hours)

Reports 167 (no changes) fires and 14,580 (no changes) acres destroyed this year. There are 103 (-8) counties with burn bans. The Keetch-Byram Drought Index list 30 (-1) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
01/11/18	02/24/18	Community Emergency Response Team (CERT) Course	G-317	San Marcos
01/11/18	03/29/18	Community Emergency Response Team (CERT) Course	G-317	Yorktown
02/19/18	03/02/18	NFA Chemistry for Emergency Response	H-402	Seguin
02/24/18	02/24/18	Isolation and Quarantine for Rural Communities	MGT-433	Needville
02/24/18	02/24/18	Isolation and Quarantine for Rural Public Safety Personnel	MGT-432	Needville



# Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
02/24/18	02/24/18	City of Nassau Bay OEM	Workshop: Training and Exercise Plan

## Statewide Significant Events

DATE(S)		LOCATION	EVENT
02/07/18	02/25/18	San Antonio	San Antonio Stock Show and Rodeo